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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।

[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2

[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

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PATENTS AND DESIGNS
Calcutta, the 16th April 1983

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1—27 GI/83

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APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE, 214, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-700 017.

The dates shown in crescent brackets are the dates claimed Under Section 135, of the Act.

09th March, 1983

285/Cal/83. The Registrar, University of Calcutta. An electronically tunable broad-band low cost modified resonant-cap IMPATT oscillator.

286/Cal/83. The Babcock & Wilcox Company. Exception processing of operator displays.

287/Cal/83. The Babcock & Wilcox Company. Locking mechanism.

288/Cal/83. Lyskawa S.A., and Etudes Techniques Et Realisations (CdF Ingénierie) S.A. Battery of coke ovens and a method for repairing old batteries.

289/Cal/83. Dana Corporation. Piston ring.

290/Cal/83. Apace Research Limited, and Lendlease Engineering Pvt. Limited. Emulsions of liquid hydrocarbons with water and/or alcohols. (12th March, 1982). (30th November, 1982).

291/Cal/83. Mitsui Toatsu Chemicals, Incorporated. Herbicidal composition.

292/Cal/83. Bio-Metric Systems, Inc. Quantitative analysis apparatus and method.

293/Cal/83. Narashinha Govind Kamat. Improvements in or relating to single phase or polyphase kilowatt hour meters or energy meters.

10th March, 1983

294/Cal/83. Indian Explosives Limited. The Alkali and Chemical Corporation of India Limited and Chemicals and Fibres of India Limited. Process for the manufacture of optically active γ -lactone of (1R, Cis)-2, 2-dimethyl-3-hydroxy-methyl cyclopropane-1-carboxylic acid.

295/Cal/83. Kraftwerk Union Aktiengesellschaft. A guide vane ring with an arrangement for damping vibration.

296/Cal/83. NL Industries, Inc. Hydrated hydroxyethyl cellulose compositions.

297/Cal/83. Ethicon, Inc. Needle and suture holder and package.

298/Cal/83. British Steel Corporation. Improvements in or relating to the cooling of materials. (11th March, 1982).

299/Cal/83. Pont-A-Mousson S.A. Tubular die for the continuous casting of a thin-walled tube from cast-iron.

300/Cal/83. Cassella Aktiengesellschaft and Theodor Hymmen Kg. Carrier materials coated with amino resin dispersions, and their further processing into laminates.

11th March, 1983

301/Cal/83. Energy Conversion Devices, Inc. Method and apparatus for continuously producing tandem amorphous photovoltaic cells.

302/Cal/83. Snamprogetti S.P.A. Process for producing ten butyl alkyl ethers in the presence of butadiene.

303/Cal/83. Sig Schweizerische Industrie-Gesellschaft. Vibration damper.

304/Cal/83. Metal Box P.L.C. Multipacks of containers.

305/Cal/83. Global Marine Inc. Hydraulic fluid compositions.

306/Cal/83. Imperial Clevite Inc. Method for producing a machinable, high strength hot formed powdered ferrous base metal alloy.

307/Cal/83. Ethicon Inc. Silicone coated surgical staple.

308/Cal/83. Chicopee. Process and apparatus for producing uniform fibrous web at high rate of speed.

14th March, 1983

309/Cal/83. Dr. Binod Kumar Varma. Increasing the suitability and quality of commercially available protein and amino acid rich deoiled karanj oilseed cakes as a feed ingredient in livestock and poultry ration by removing the toxic substances present in it.

310/Cal/83. Steel Castings Research and Trade Association. Metallurgical ladies.

311/Cal/83. N.V. Safinco. Process for separating solids from oils.

312/Cal/83. Nanalal Trivedi. A modified power ghani.

15th March, 1983

313/Cal/83. Kearney & Trecker Corporation. Motorized ball nut.

314/Cal/83. Combustion Engineering, Inc. Apparatus for reheating a flue gas stream.

315/Cal/83. Combustion Engineering, Inc. Tempering air beating on pulverizing high moisture fuels.

316/Cal/83. Dr. Jacques Hamou. Tubular pessary having a contraceptive action.

317/Cal/83. Registrar, Jadavpur University and Electronics Commission. Method and apparatus for taking xero-radiographs.

318/Cal/83. Michelin & CIE. (Compagnie Generale Des Etablissements Michelin). Tread for off-the-road tires.

319/Cal/83. Cumberland Packing Corp. Table top sweetener compositions.

APPLICATION FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, MUNICIPAL MARKET BUILDING, III FLOOR, KAROL BAGH, NEW DELHI-5.

7th February, 1983

71/Del/83. Sri Ganesh Research Institute, "A process for the preparation of (+) Catechin".

72/Del/83. Sri Ganesh Research Institute, "A process for the preparation of (\pm) Catechin".

73/Del/83. Sri Ganesh Research Institute, "A process for the preparation of (-) epi-Catechin".

74/Del/83. Albright & Wilson Limited, "Liquid detergent compositions" (February 5, 1982, April 13, 1982, July 2, 1982 and December 23, 1982).

75/Del/83. Ukrainsky Institute Inzhenerov Vodnogo Khozyastva, "Magnetic separator".

76/Del/83. Lesieur-Cotelle & Associes S.A., "A process for treating natural fatty substances to produce one or more edible fractions" [Divisional date May 29, 1979].

8th February, 1983

77/Del/83. Exxon Research and Engineering Company, "Solvent dewaxing with methyl tertiary butyl ether".

78/Del/83. Ruhrchemie Aktiengesellschaft, and WENZEL & WEIDMANN GmbH, "Process to improvement fuels for dieselmotors".

79/Del/83. Imperial Chemical Industries PLC, "Installation of ion-exchange membrane in electrolytic cell" (February 17, 1982).

80/Del/83. The Secretary of State for Defence in Her Britannic Majesty's Government of the United Kingdom of Great Britain and Northern Ireland, "Improvements in or relating to aluminium alloys" (February 26, 1982 and March 26, 1982).

10th February, 1983

81/Del/83. El Paso Polyolefins Company, "Linear low density polyethylene process and product".

11th February, 1983

82/Del/83. USS Engineers and Consultants, Inc., "Rotary valve" [Divisional Date May 30, 1979].

- 83/Del/83. Sala International AB, "An arrangement in a pumping apparatus".
 84/Del/83. Sudha Sen, "A theft prevention device".
 85/Del/83. Deshraj Gupta & Co. (P) Ltd., "A valve".
 86/Del/83. Sir Padampat Research Centre, "A process for the preparation of aminotricarboxylic acids and their salts".
 87/Del/83. Sir Padampat Research Centre, "A process for the preparation of copolymers and block copolymers of polyethylene terephthalate".
 88/Del/83. Sir Padampat Research Centre, "A process for the recycling of polyethylene terephthalate) waste".
 89/Del/83. DLF Universal Limited, "A D frame motor".

14th February 1983

- 90/Del/83. The General Electric Company, "Electro-Acoustic calling devcies" (February 26, 1982).

15th February 1983

- 91/Del/83. Kidde Consumer Durables Corp., "Cookware and method of making the same".
 92/Del/83. Magyar Vagon ES Gepgyar, "Air supply connection for inflated tyres of vehicles with planetary wheel and drive".
 93/Del/83. Bayer Aktiengesellschaft, "Process for the preparation of cationic methine dyestuffs".
 94/Del/83. The Bendix Corporation, "A wheel cylinder for a drum brake".
 95/Del/83. BICC Public Limited Cmopany, "Overhead electric transmission systems" (February 18, 1982).

16th February 1983

- 96/Del/83. Paul Wurth S.A., "Installation for feeding a shaft furnace".
 97/Del/83. Pierre Saget, "Improved apparatus for centrifugal separation of a mixture containing at least one gaseous phase".
 98/Del/83. Werner Westermair, "Sewage purification plant".
 99/Del/83. Thomson-Brandt, "A light artillery mortar".

17th February 1983

- 100/Del/83. Bhushan Lal Mittal, "A crystallizer".
 101/Del/83. DLF Universal Limited, "A Type 11 motor".
 102/Del/83. DLF Universal Limited, "Geared motor".
 103/Del/83. Sarla Sharma, "Medicine useful for the removal hemorrhoides".
 104/Del/83. Laboratories P.O.S., "Ethers and oxime-ethers of alkylaminoalcohols as medicaments and novel products and processes for their preparation".

- 105/Del/83. Rucanor GMBH, "Hockey stick".

- 106/Del/83. Hughes Aircraft Company, "Hydrazine thruster".
 107/Del/83. Schering Aktiengesellschaft, "Benzyl ether derivatives of pentited having a plant growth-regulating action and their manufacture and use".

18th February 1983

- 108/Del/83. A. M.S.F.A.—Azienda Meccanica Stampaggi E Attrezzature S.p.A., "Mechanical strater for internal-combustion engines".
 109/Del/83. Dunlop Limited, "Fluid pressure devices".

22nd February 1983

- 110/Del/83. Vallourec, "New joint for steel pipe, which is oiltight at high pressure and insensitive to the phenomenon of seizure".
 111/Del/83. Ukrainsky Institut Inzhenerov Vodnogo Khozyaistva, "Electromagnetic separator".
 112/Del/83. Council of Scientific and Industrial Research, "A process for the preparation of white-emitting phosphor for Television Screen".
 113/Del/83. Council of Scientific and Industrial Research, "A process for the preparation of iron oxide red pigment and a metal sulphate".
 114/Del/83. Council of Scientific and Industrial Research, "An improved process for the preparation of estriol 3-o-Carboxymethyl ether".

- 115/Del/83. Council of Scientific and Industrial Research, "Process for the preparation of catalyst composite material for the conversion of methanol to hydrocarbons".

23rd February 1983

- 116/Del/83. Ishwar Prakash Agrawal, "A peel off package".
 117/Del/83. Saurabh Natverlal Kinariwala, "A traverse drum".
 118/Del/83. Shell Internationale Research Maatschappij B.V. "Process for the manufacture of refractory elements, refractory elements prepared thereby and refractory walls constructed from the refractory elements" (February 25, 1982).

24th February 1983

- 119/Del/83. Paul Wurth S.A., "Process and installation for granulation of slag".
 120/Del/83. Formulabs Industrial Inks, Inc., "Surface coloring of polyvinyl resins".
 121/Del/83. Paul Wurth S.A., "Device for coupling a shaft furnace tap hole drilling rod to the working tool of a drilling machine".

25th February 1983

- 122/Del/83. Borgardts-Sachsenstein GmbH, "Procedure for the recovery of calcium sulphate, preferably calcium sulphate dihydrate".
 123/Del/83. EL.PO. S.r.L., "Apparaunts designed for filling containers with liquid/paste substances under sterile conditions".

26th February 1983

- 124/Del/83. Harmanjeet Singh Bhatia, "A process and apparatus for producing a coal substitute from combustible agricultural wastes".

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, AT TODI ESTATES, III FLOOR, SUN MILL COMPOUND, LOWER PAREL (W) BOMBAY-400 013

21st February, 1983

- 53/BOM/83. M/s. Wimco Limited. A semi Automatic filing Machine.
 54/BOM/83. M/s. The Tata-Hydro-Electric power supply Co. Ltd. A centralised remote control system for effective load management in power system utilities.
 55/BOM/83. M/s. Jyoti Limited., Manually operated Ground nut Decorticator.
 56/BOM/83. M/s. Jyoti Limited., Improvements in or relating to an oil expeller.
 57/BOM/83. M/s. Geshuri Laboratories Ltd., N-Phosphonomethylglycine-Derivatives.

22nd February, 1983

58/BOM/83. M/s. A R B E D Societe anonyme., Improvements in or relating to method of increasing the cold material charging capacity in the top-blowing production of steel.

23rd February, 1983

59/BOM/83. M/s. HARISH TEXTILES ENGINEERS Pvt. Ltd., Drying Apparatus for lengths of cloth and other sheet material.

60/BOM/83. Shri Shridhar Shivram Surve. A Motorised rear wheel hub assembly for standard Bicycle.

61/BOM/83. Shri Gangji Liladhar & others of Meera Metal Industries. An improvement in Sandwich Toasters.

26th February, 1983

62/BOM/83. M/s. Pressure Cookers & appliances Ltd. Slow Cooker.

63/BOM/83. Shri Shantilal Shivalal Panchal. Wind Mill.

COMPLETE SPECIFICATION ACCEPTED

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CLASS-145B. 151406.

Int. Cl. D 21 C 3/00.

SODIUM HYDROSULFITE BLEACHING COMPOSITION.

Applicants : MITSUBISHI GAS CHEMICAL COMPANY, INC., OF 5-2, MARUNOUCHI-2-CHOME, CHIYODA-KU, TOKYO, JAPAN.

Inventor : TAKAAKI YAMAGUCHI.

Application No. 273/Cal/80 filed March 7, 1980.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

7 Claims. No drawing.

A bleaching composition which comprises sodium hydrosulfite, hexamethylenetetramine and a water-soluble sulfite, wherein 3 to 15% by weight of the hexamethylenetetramine and 5 to 15% by weight of the water-soluble sulfite are contained in the composition.

(Compl. Specn. 24 Pages. Drg. Nil.)

CLASS-83A₄.

151407.

Int. Cl. C 12c 11/08, 11/18.

PROCESS FOR PRODUCING YEAST BY FERMENTATION.

Applicants : PROVESTA CORPORATION, OF TRW BUILDING, BARTLESVILLE, STATE OF OKLAHOMA, UNITED STATES OF AMERICA.

Inventor : EUGENE HERMAN WEGNER.

Application No. 361/Cal/80 filed March 28, 1980.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

23 Claims. No drawing.

A process for producing yeast at a high cell density which comprises culturing under aqueous aerobic fermentation conditions at least one yeast species in an aqueous ferment employing carbon energy substrate such as herein described and assimilable nitrogen, feeding an aqueous mineral salt medium to the ferment and recovering by known method the resulting yeast, wherein said aqueous mineral salt medium comprises salts of the following elements and is added to the ferment at such a rate as to maintain in the ferment the following elements in at least the designated weights, per liter of ferment : P — 1.9 g.k -1 g, Mg — 0.15 g, C a — 0.06 g, S — 0.1 g, Fe — 6 mg, Zn — 2 mg, Cu — 0.6 mg, and Mn — 0.6 mg, and said fermentation is conducted under such conditions as to maintain a cell density of at least about 60 to 160 grams, on a dried basis, per liter of ferment and when desired said aqueous ferment contains at least one of sodium, cobalt, molybdenum, boron and selenium in trace amounts.

(Compl. Specn. 40 Pages. Drg. Nil.)

CLASS-176D.

151408.

Int. Cl. F 22 b 7/00.

A PULVERIZED COAL FIRED STEAM GENERATOR.

Applicants : COMBUSTION ENGINEERING, INC., OF 1000 PROSPECT HILL ROAD, WINDSOR, CONNECTICUT, UNITED STATES OF AMERICA.

Inventor : GERALD ALLEN MELLINGER.

Application No. 499/Cal/80 filed April 29, 1980.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

4 Claims.

In a pulverized coal-fired steam generator having a furnace formed of a plurality of parallel, vertically extending water-filled tubes, a portion of the tubes being inclined inward towards each other from opposite sides so as to form an open trough extending across the bottom of the furnace, a pulverizer for pulverizing the coal to be fired in the furnace, and a water-filled bottom ash hopper having an open top disposed beneath the furnace so as to receive ash discharging from the furnace through the trough; an improved pulverizer rejects disposal assembly having means for conveying a slurry consisting essentially of pulverizer rejects, water and entrained air through a sluice pipe from the pulverizers to said water-filled bottom ash hopper, wherein the improvement comprises : an air separator for removing entrained air from the slurry is disposed at the discharge end of the sluice pipe, said air separator having an inlet receiving the slurry from the sluice pipe, an outlet opening into the bottom ash hopper for discharging the air-free slurry into the bottom ash hopper, and a vent for releasing the air removed from the slurry within said air separator.

(Compl. Specn. 10 Pages. Drg. 2 Sheets.)

CLASS-61F & 114 F & D.

151409.

Int. Cl. C 14 b 1/58.

APPARATUS FOR DRYING MOIST SKINS.

Applicants : PATPAN INC., C/O ICAZA, RUIZ & ALFMAN CALLE AQUILINO DE LA GUARDIA NO. 8, PANAMA CITY (PANAMA).

Inventor : JEAN-PIERRE DUBOURG.

Application No. 539/Cal/80 filed May 7, 1980.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

8 Claims.

Apparatus for drying a moist skin comprising an array of rigid sector plates pivotally connected to a plane base, the pivot axes being disposed proximate to the centre of the base and parallel to the plane of the base but at right angles to corresponding radial lines through said centre, spring means biasing the sector plates away from the base, means for limiting the bias section so that all the sector plates assume the same angle to the base under the action of the bias, a plurality of clamps designed for being removably secured to pairs of opposed peripheral points of a moist skin to be dried, the sector plates each having a plurality of perforations enabling said clamps to be attached to the sector plates at points spaced from the centre of the base when the sector plates are pivoted away from the base, so that when the bias is overcome and the sector plates are pivoted toward said base the skin is stretched in multiple directions, the stretching effected being proportional to the distances between said pairs of opposed peripheral points of the skin, a cover capable of resisting internal sub-atmospheric pressures and having dimensions such that it can fully cover the array of sector plates, a fluid-tight seal surrounding the array of sector plates and serving to form a hermetically-sealed enclosure around said sector plates as the cover is lowered toward the base, means within the enclosure for heating a skin to a temperature less than 75°C, and suction means for applying a sub-atmospheric pressure to the interior of the enclosure.

(Compl. Specn. 16 Pages. Drg. 2 Sheets.)

CLASS-83B₃.

151410.

Int. Cl. H 23 f 3/00.

METHOD AND APPARATUS FOR TREATING FLUENT MATERIALS.

Applicants : DASI INDUSTRIES, INCORPORATED, OF 5434 WISCONSIN AVENUE, SUITE 735, CHEVY CHASE, MARYLAND 20015, UNITED STATES OF AMERICA.

Inventors : (1) JOHN E. NAHRKA, (2) WALTER C. WOODS.

Application No. 1151/Cal/80 filed October 10, 1980.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

39 Claims.

A process for heat treating a fluent product in a pressure vessel without changing the natural characteristics of the product, comprising the steps of forming a thin, continuous, isolated film of said product within said vessel, directly heating said film with a heated gas at a predetermined temperature without burning or overheating of product to a predetermined temperature range for a predetermined interval, and collecting and removing said product after heating from said vessel with minimum physical agitation.

(Compl. Specn. 71 Pages. Drg. 9 Sheets.)

CLASS-131A₂ & 196B₁ & C.

151411.

Int. Cl. E 21 C 7/00; E 21 f 5/02.

DEVICE FOR MIXING WATER WITH FLOWING AIR, PARTICULARLY FOR DUST-COLLECTING PLANTS FOR MINE OPERATIONS.

Applicants : VOEST-AUPLINE AKTIENGESELLSCHAFT, OF A-1011 VIENNA, FRIEDRICHSTRASSE 4, AUSTRIA.

Inventor : EMANUEL STRAHSNER.

Application No. 822/Cal/81 filed July 22, 1981.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

7 Claims.

A mixing device for mixing water with flowing air, particularly dust-laden air, wherein the water is sprayed or atomized form is delivered to the air stream by a water feeder, particularly for dust-collecting plants for use in mine operations, characterized in that at least one surface mat (17) contacted by the air stream succeeds the water feeder in the direction (11) of flow of the air and extends transversely to the direction (11) of flow of the air and is contacted by the air stream and has air passages which are transverse to the mat surface.

(Compl. Specn. 9 Pages. Drg. 3 Sheets.)

CLASS-98D & 156D & E.

151412.

Int. Cl. F 03 g 7/00.

A RECIPROCATING MOTOR OPERABLE BY PRESSURIZED VAPOUR FOR A SOLAR ENERGY PUMPING DEVICE.

Applicants : SOLAR PUMP CORPORATION, OF NEVADA, 300 WEST BOSTON AVENUE, LAS VEGAS, NEVADA 89102, U.S.A.

Inventor : HARVARD PRATT STUBBS.

Application No. 1271/Cal/81 filed November 16, 1981.

Division of application No. 1616/Cal/77 filed 16th Nov. 1977.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

4 Claims.

A reciprocating motor operable by pressurized vapour comprising :

a housing; a movable diaphragm within said housing that forms upper and lower chambers therein; a piston having a head portion fixed to said diaphragm; a control means having an inlet for receiving a vapourized fluid under pressure within said upper chamber and an outlet for releasing the vapourized fluid after movement of said piston; said control means including a valve housing for a movable valve member; spring means for biasing said valve member to close said outlet and open said inlet so as to cause vapourized fluid under pressure to fill said upper chamber and act on said diaphragm to move said piston in a power stroke of a cycle, said spring means being located within said upper chamber and comprising a relatively thin sheet of elastically flexible metal fixed to said valve member at a central location on said sheet and fixed to the inside of said housing at the edges of said sheet; means responsive to a predetermined amount of piston movement during said power stroke for shifting the piston of said valve member and of said spring means to close said inlet and open said outlet to release vapour pressure in said chamber, thereafter allowing said spring means to again bias said valve member to a closed position and a tubular member fixed to and extending downwardly from said spring means adjacent said movable valve member, said tubular member having a flanged portion near its lower end for engaging a stop member on said valve member, thereby limiting the movement of said spring means.

(Compl. Specn. 29 Pages. Drg. 6 Sheets.)

CLASS-89.

151413.

Int. Cl. G 01 L 5/06.

IMPROVEMENTS IN OR RELATING TO TENSION METER FOR YARNS, THREADS AND THE LIKE.

Applicant and Inventors : HIRO SHIVLAL MANDANI, OF JUBI LEE COURT, LINKING ROAD, BANDRA BOMBAY-400 051, MAHARASHTRA, INDIA.

Application No. 274/BOM/1980 filed Sept. 12, 1980.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Bombay Branch.

3 Claims.

A tension meter for yarns, threads and the like having a set of three pulleys, two of which act as guiding pulleys and the third is the tension measuring pulley, the said guiding pulleys being connected to a spring loaded lever arm, which enables the said guiding pulleys to be raised or lowered along sides of the said tension measuring pulley; said tension measuring pulley being connected to a spring loaded rack and pinion arrangement, the said pinion having an extended shaft on which is mounted a compensatory ballast and a pointer which moves on a dial; there being further provided a wire guide for drawing the moving yarn, thread under tension between the three pulleys.

(Compl. Specn. 7 Pages. Drg. 1 Sheet.)

CLASS-68 E₈ + 206 H₄.

151414.

Int. Cl. H 01 s 3/00.

CIRCUIT TO MODULATE CURRENT THROUGH PLASMA TUBE AT HIGH VOLTAGE USING POWER VACUUM TUBES.

Applicants : JYOTI LIMITED, INDUSTRIAL AREA, P.O. CHEMICAL—INDUSTRIES; BARODA-390 003, STATE OF GUJARAT, INDIA.

Inventors : 1. CHAVDA DEVJI LAXMAN, 2. DR. RAMESH THAKORLAL SHAH, 3. V. RAGHAVAN 4. DR. GAUTAM GUHA SARKAR.

Application No. 127/BOM/1980 filed May 7, 1980.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Bombay Branch,

2 Claims.

A circuit to modulate the current through a plasma tube at high voltage comprising one or more power tubes the anode/s of which is connected to the one or more cathodes of the plasma tubes means for biasing the control grid/s of the power tube at a cut off voltage -V_c and means or source imposing a voltage signal on the biasing voltage to modulate the biasing voltage between -V_c and -V_i; -V_i being the voltage at the control grid/s corresponding to the desired maximum plasma current i_s in the plasma tube.

(Compl. Specn. 7 Pages. Drg. Sheet 1.)

CLASS-65A.

151415.

Int. Cl. H03 m 5/00.

A SINGLE PHASE TO THREE PHASE CONVERTER.

Applicants and Inventors : 1. RAMALINGAM HARSHA AND 2. RAMALINGAM HARINI, C/O. MARS CONSULTANTS, NO. 10, WODEHOUSE ROAD, BOMBAY-400 039, MAHARASHTRA, INDIA.

Application No. 130/BOM/1980 filed May 12, 1980.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Bombay Branch.

4 Claims.

A single phase to three phase converter comprising a single phase inverter connected to a single phase source through a rectifier and a three limbed transformer having two windings on each of the outer limbs; one winding of each said outer limb being connected to the single phase source and the inverter output respectively and the other windings on the outer limbs are connected in scott connection thereby forming a three phase supply.

(Compl. Specn. 7 Pages. Drg Sheet 1.)

CLASS-170D.

151416.

Int. Cl. C 11 d 9/00.

A PROCESS FOR PREPARING SOAP POWDER FORMULATIONS.

Applicants : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, BOMBAY-400 020, MAHARASHTRA, INDIA.

Inventors : 1. HENDRIK WILLEM BROUWER AND 2. DAVID WILLIAM FARREN.

Application No. 285/BOM/1979 filed October 16, 1979.

Convention date (U.K.) 23-10-78.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Bombay Branch.

6 Claims.

A process for preparing a soap powder formulation, containing usual additives such as detergency builders, fillers, bleaches and the like, from a mixture of fatty acids having C₁₂ to C₂₂ Carbon atoms, in a conventional manner, characterised in that the soap is made from fatty acids selected from

(i) 5 to 60% by weight of one or more saturated or unsaturated fatty acid, having 12 to 14 carbon atoms;

(ii) 5 to 32% by weight of one or more saturated fatty acids having 15 to 22 carbon atoms and

(iii) 35 to 90% by weight of one or more unsaturated fatty acids having 14 to 22 carbon atoms

and that the soap powder formulation contains from 15 to 60% by weight of water-soluble salts of said mixture of fatty acids.

(Compl. Specn. 14 Pages. Drawing 2 Sheets.)

CLASS-146D₁ & 206C.

151417.

Int. Cl. H 01 p 3/00.

AN OPTICAL WAVEGUIDE AND A METHOD OF MAKING THE SAME.

Applicants : CORNING GLASS WORKS, OF HOUGHTON PARK, CORNING, NEW YORK 14830, UNITED STATES OF AMERICA.

Inventor : DR. ROBERT OLSHANSKY.

Application No. 165/Cal/79 filed February 23, 1979.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

12 Claims.

An optical waveguide comprising at least three glass-forming compounds such as herein described and having a core with a radially-graded refractive index profile and a cladding, the index of refraction of the cladding being less than that of the core, characterised in that said refractive index profile changes as a function of radius r substantially as :

$$n^2(r) = n_c^2 \left[1 - \sum_{i=1}^{N-2} \frac{2 \Delta_i (r/a)}{i} \right]^\alpha$$

where N > 2 is the number of α -type index profile terms and a is the radius of the core n_c is the refractive index at $r = 0$ n_0 is the refractive index at $r = a$

$$\Delta = (n_c^2 - n_0^2) 2u_c^2$$

$$\Delta_i = \sum_{i=1}^N \Delta_i$$

and Δ_i and α_i are values which produce reduced pulse dispersion.

(Compl. Specn. 28 Pages. Drg. 5 Sheets.)

CLASS-98I.

151418.

Int. Cl. F 24 j 3/02.

LUMINESCENT SOLAR COLLECTOR AND CONCENTRATOR.

Applicants : OWENS-ILLINOIS, INC., OF POST OFFICE BOX 1035, TOLEDO, OHIO 43666, UNITED STATES OF AMERICA.

Inventors : (1) CHARLES FREDERICK RAPP, (2) NORMAN LEE BOLING.

Application No. 450/Cal/79 filed May 3, 1979.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

10 Claims.

A luminescent solar collector and concentrator comprising a radiation collection medium for receiving incident solar radiation, said medium containing at least one luminescent species capable of emitting luminescent radiation upon excitation with incident solar radiation, said medium being totally internally reflective of a major portion of said emitted luminescent radiation, wherein said radiation collection medium is a composite structure comprising a thin layer containing at least one luminescent species, said layer being optically coupled to a thick radiation conducting layer of at least 0.5 mm thickness, which thick layer (1) is totally internally reflective of a major portion of said emitted luminescent radiation, (2) has an index of refraction close to that of said thin layer and (3) has a thickness ratio to said thin luminescent layer of higher than 4 : 1.

(Compl. Specn. 19 Pages. Drg. 2 Sheets.)

CLASS-1A.

151419.

Int. Cl. C 09 j 7/00.

PLASTICIZER-CONTAINING FILMS OF PARTIALLY ACETALIZED POLYVINYL ALCOHOLS.

Applicants : DYNAMIT NOBEL AKTIENGESELLSCHAFT, OF TROISDORF, BENZ. KOHN. WFST. GERMANY.

Inventors : (1) DR. ROLF BECKMANN AND (2) DR. WILHELM KNACKSTEDT.

Application No. 485/Cal/79 filed May 10, 1979.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

6 Claims. No drawing.

Plasticizer-containing films of partially acetalized polyvinyl alcohols such as herein defined characterised in that they contain as plasticizer a mixture of esters of organic cyclic acids or acetal plasticizers known per se and esters of oxygen acids of phosphorous, each of said components being present in an amount of at least 1% by weight, preferably at least 15% by weight relative to the plasticizer mixture.

(Compl. Specn. 25 Pages. Drg. Nil.)

CLASS-146C.

151420.

Int. Cl. G 01 n 3/40.

AN INTEGRATED BRINELL HARDNESS TESTING DEVICE FOR DETERMINING THE BRINELL HARDNESS OF RAILWAY VEHICLE WHEEL.

Applicants : AMSTED INDUSTRIES INCORPORATED, OF 3700 PRUDENTIAL PLAZA, CHICAGO, ILLINOIS 60601, UNITED STATES OF AMERICA.

Inventors : (1) LOUIS SANDOR AND (2) ALBERT THOMAS WENDT.

Application No. 663/Cal/79 filed June 28, 1979.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta

10 Claims.

An integrated Brinell hardness testing device for determining the Brinell hardness of railway vehicle wheel characterized by providing a polishing device in proximity to said testing device so as to polish at least a portion of said wheel, means for moving said wheel in a substantially vertical plane and determining the Brinell hardness of said wheel at one or more points on said wheel polished by said polishing device.

(Compl. Specn. 14 Pages. Drg. 2 Sheets.)

CLASS-33 A & F.

151421.

Int. Cl. B 22 C 9/00.

METHOD AND APPARATUS FOR CONTINUOUS CASTING OF METALLIC STRANDS.

Applicants : KENNECOTT COPPER CORPORATION, OF 161 EAST 42ND STREET, CITY AND STATE OF NEW YORK, USA.

Inventors : (1) TERRY FREDERICK BOWER (2) GEORGE SHINOPULOS AND (3) MYRON RONALD RANDLETT.

Application No. 780/Cal/79 filed July 27, 1979.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

3 Claims.

A method for continuously casting a metallic strand from a metallic melt comprising : providing a die having a first end with a coolerbody having a first end and surrounding a portion of said die to enable portions of said die to be cooled and with an insulating member located within a recess in the coolerbody and between a portion of said die and a portion of said coolerbody to insulate a portion of said die from the cooling of said coolerbody, the location of said insulating member being at the first end of the coolerbody and extending between said die and said coolerbody a first distance; immersing said first end of said coolerbody in the melt a distance greater than said first distance to produce a solidification front within the die when the melt is withdrawn through said coolerbody; withdrawing molten metal from the melt through said die while cooling said die through said coolerbody, said cooling completely solidifying the molten metal into a strand within a portion of the die above the insulating member, the solidified strand being withdrawn from said melt at a constant rate and oscillating said die in a direction parallel to the direction of travel of said strand.

(Compl. Specn. 31 Pages. Drg. 6 Sheets.)

CLASS-31B & 206E.

151422.

Int. Cl. H 01 f 17/08, 5/04.

METHOD OF FORMING ELECTRICAL INDUCTANCE COILS.

Applicants : BURROUGHS CORPORATION, OF BURROUGHS PLACE, DETROIT, MICHIGAN 48232, UNITED STATES OF AMERICA.

Inventors : (1) WILBUR TERRY LAYTON, AND (2) CLYDE ZACHRY.

Application No. 1011/Cal/79 filed September 26, 1979.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

13 Claims.

A method of forming an electrical inductance coil comprising the steps of : forming a plurality of flat, parallel conductors on a flexible dielectric substrate, said conductor lines having a diagonal portion at one end thereof so that the terminal end of each conductor is in alignment with an adjacent conductor, forming an end wall of the diagonal portions at substantially right angles to the remainder of the conductors, forming the terminal ends of said conductors parallel to the main body of conductors, forming a second end wall spaced apart from the first end wall and parallel thereto and of the same height as the first end wall so that the remainder of said conductors overlap said terminal ends, connecting a portion of the remainder of said conductors to said terminal ends.

(Compl. Specn. 14 Pages. Drg. 3 Sheets.)

CLASS-71G.

Int. Cl. E 21 C 39/00.

PETROLOGICAL PROJECTOR.

Applicant & Inventor : DR. ASIT KUMAR ROY, OF 5/2B, R. N. CHOWDHURY ROAD, CALCUTTA-15, WEST BENGAL, INDIA.

Application No. 692/Cal/80 filed June 12, 1980.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

7 Claims.

A petrological projector which comprises a projector stage consisting of a back plate and a front plate, to be fitted between condenser lens and the projection tube, a projector analyzer to be fitted in front of a projector stage and a projector grid for projecting the polarized light obtained from rocks and minerals on wall or screen without the aid of any microscope for studying the optical and microscopic properties of rocks and minerals.

(Compl. Specn. 29 Pages. Drg. 3 Sheets.)

CLASS-195C.

Int. Cl. F 16 L 1/00.

VALVE MEANS FOR A STEAM OR GAS TURBINE.

Applicants : SIEMENS AKTIENGESELLSCHAFT, OF BERLIN AND MUNICH, WEST GERMANY.

Inventor : RUDOLF WICKL.

Application No. 951/Cal/80 filed August 20, 1980.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

9 Claims.

Valve means for a steam or gas turbine, comprising a valve beam for actuating at least two adjusting valves whose valve heads are suspended from the beam and whose valve stems are held in the valve beam by lifting heads, the valve stem of each valve having the lifting head formed thereon and being screwed into a female thread of the valve head, and the valve head of each valve having a nut-like neck formed thereon on the side thereof facing the lifting head at least in the region of the first thread turns.

(Compl. Specn. 10 Pages. Drg. 1 Sheet.)

CLASS-94C.

Int. Cl. B 02 C 4/00.

PULVERIZER ROLLER LOADING.

Applicants : THE BABCOCK & WILCOX COMPANY, OF 1010 COMMON STREET, NEW ORLEANS, LA, U.S.A.

Inventor : JAMES THOMAS TUCKER, JR.

Application No. 1008/Cal/80 filed September 3, 1980.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

13 Claims.

A pulverizer including a housing with wear plates, a horizontally disposed ring positioned within the housing and having an upwardly facing grinding surface, means for rotating the ring about an upright axis, a plurality of rollers circumferentially spaced about and disposed on the grinding surface, means for exerting downward pressure on the rollers, each roller being rotatably mounted on a bracket, corner blocks with wear plates cooperating with the housing wear plates are interposed between adjacent brackets, and means for connecting the adjacent ends of the corner blocks and brackets whereby the last named means is subjected to only a fraction of the pressure being exerted on said rollers.

(Compl. Specn. 11 Pages. Drg. 6 Sheets.)

151423.

CLASS-198H.

151426.

Int. Cl. B 03 d 1/00.

A METHOD OF BENEFICIATION OF COMPLEX NON-SULPHIDE ORES.

Applicants : UNITED STATES BORAX AND CHEMICAL CORPORATION, OF 3075 WILSHIRE BOULEVARD, LOS ANGELES, CALIFORNIA, UNITED STATES OF AMERICA.

Inventor : MARTIN WILSON.

Application No. 560/Cal/78 filed May 24, 1978.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

12 Claims. No drawing.

A method of beneficiating a non-sulphide ore which comprises subjecting the non-sulphide ore to a conventional flotation process, adding from 0.001 pound to 0.5 pound per ton of flotation feed a selectivity agent which is an aliphatic or aromatic compound having at least one CF_3 — group and recovering the resulting beneficiated ore.

(Compl. Specn. 19 Pages. Drg. Nil.)

CLASS-10F & 169C.

151427.

Int. Cl. F 41 j 5/00.

IMPROVEMENTS IN OR RELATING TO A TRAINING APPARATUS FOR A FIRING RANGE.

Applicants : AUSTRALASIAN TRAINING AIDS(PTY) LIMITED, OF 161-169 FALLON STREET, ALBURY, NEW SOUTH WALES, COMMONWEALTH OF AUSTRALIA.

Inventors : (1) LINDSAY CHARLES KNIGHT, (2) DAVID ARNOLD CASH, (3) DUNCAN STEWART, (4) ROBERT ALAN COTTIS, (5) WILLIAM HENRY BOWER, (6) ROBERT CHARLES NEWNHAM, (7) FREDERICK JOHN WILLIAMS, (8) DAVID WALTER PARDON.

Application No. 701/Cal/78 filed June 24, 1978.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

82 Claims.

An apparatus for determining information concerning the trajectory of the supersonic projectile passing through a pre-determined area, said apparatus comprising at least three transducers located space adjacent an edge of the pre-determined area, each said transducer comprising a member of rigid material having a convex surface exposed to an air-borne shock wave generated by the supersonic projectile, and means for providing an output signal in response to detection of such a shock wave by said member, there being means to measure the time delays between the output signals generated by each of the transducers, and means adapted to calculate, from said time delays, information concerning the trajectory of the projectile.

(Compl. Specn. 79 Pages. Drg. 17 Sheets.)

CLASS-205B.

151428.

Int. Cl. B 60 C 25/00.

A TIRE BUILDING MACHINE AND A METHOD OF BUILDING A RADIAL TIRE USING SAID MACHINE.

Applicants : NRM CORPORATION, OF 3200 GUILCHERIST ROAD, P.O. BOX 6338, AKRON, OHIO 44312, U.S.A.

Inventor : GEORGE EUGENE ENDERS.

Application No. 245/Cal/79 filed March 14, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

52 Claims.

A tire building machine comprising an elastomeric radially expanding bead lock, shoulder stop means operative to hold said bead lock against axial movement when expanded, a shaping bladder, means to inflate said bladder through said bead lock, a chamber internally of said bead lock and means to pressurize said chamber when said bead lock is expanded to inflate said bladder.

(Compl. Specn. 26 Pages. Drg. 5 Sheets.)

CLASS-32E & 40B.

151429.

Int. Cl. B 01 j 11/00.

PROCESS FOR THE PREPARATION OF CATALYST COMPONENTS FOR POLY-MERIZING OLEFINS.

Applicants : MONTEDISON S.P.A., OF 31, FORO BUONAPARTE, MILAN, ITALY.

Inventors : (1) UMBERTO SCATA AND (2) GIULIANO CECCHIN.

Application No. 356/Cal/79 filed April 11, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

12 Claims. No drawing.

A process for the preparation of a catalyst component for (co) polymerizing alpha-olefins $\text{CH}_2=\text{CHR}$ in which R is an alkyl, aryl radical having 1-8 C atoms or mixtures of one or more of said olefins with ethylene, characterized in that the following substances are reacted : (a) a Ti-halogenated compound containing at least one Ti-halogen bond; (b) a solid support comprising the following essential components or mixtures thereof : component (b1) : a mixture of (A) a Mg oxygenated compound selected from Mg oxide, hydroxide, hydroxyhalide and the salts of Mg oxygenated acids, and (B) an adduct between a Mg dihalide and at least one hydro carbonyl electron-donor compound or the product of the decomposition of said adduct to Mg dihalide ; or component (b2) : obtained by reacting an oxygenated Mg compound as defined in (A) with a hydrocarbyl electron-donor compound free from active hydrogen atoms (Component ED) or with mixtures thereof with an electron-donor compound containing active hydrogen atoms (compound HED); the reaction system comprising also a compound ED, at least when said compound ED or derivatives thereof are not used in preparing support (b), the amount of compound ED present in the catalyst component, in a form non-extractable with TiCl_4 at 80°C, being in the range of from 0.05 to 5 moles per mole of Ti compound existing after the treatment at 80°C.

(Compl. Specn. 39 Pages. Drg. Nil.)

CLASS-40F.

151430.

Int. Cl. B 01 d 39/02.

METHOD OF ISOLATING CARBON BLACK FROM CARBON-BLACK AEROSOL AND A FILTER FOR CARRYING SAME INTO EFFECT.

Applicants : VSESOUJZNY NAUCHNO-ISSLEDOVATELSKY INSTITUT TEKHNICHESKOGO TUGERODA, OF OMSK, 5 KORDNAYA ULITSA, 29, USSR.

Inventors : (1) VIKTOR MIKHAILOVICH SHOPIN, (2) LEONID GRIGORIEVICH TURENKO, (3) VITALY FEDOROVICH SROVIKIN, (4) KONSTANTIN VIKTOROVICH SUPONEV.

Application No. 535/Cal/79 filed May 23, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

13 Claims.

A method of isolating carbon black from a carbon-black aerosol, consisting in that a carbon-black aerosol is passed through the granular bed of the carbon-black grains in a downflow manner, with the result that the carbon-black aerosol is separated into solid carbon-black particles that settle down in the granular bed of the carbon-black grains,

and cleaned (desolidized) gas delivered to the consumer periodically part of the cleaned gas is fed in a countercurrent flow to the stream of the carbon-black aerosol for the granular bed of the carbon-black grains to regenerate.

(Compl. Specn. 20 Pages. Drg. 4 Sheets.)

CLASS-29P & H.

151431.

Int. Cl. B 23 b 27/00.

METHOD OF RENOVATING GUIDEWAYS OF MACHINE TOOLS SUCH AS LATHES AND PLANNING MACHINES.

Applicants : THE TATA IRON AND STEEL COMPANY LIMITED, OF JAMESHPUR, BIHAR, INDIA.

Inventor : RAMESH RAMACHANDRAN.

Application No. 560/Cal/79 filed May 30, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

4 Claims.

A method of renovating guideways of machine tools such as lathes and planning machines that is between two relatively reciprocable or moveable surfaces of a machine tool comprising forming a layer of a synthetic plastic resinous material capable of setting hard on one of the said surfaces, said synthetic plastic resinous material consisting of an epoxy resin having a small quantity of steel filings for example 15 to 20% by weight of the resin, said epoxy resin including a phenolic resin hardener of 4%, 83% of a known epoxy resin and 13% by weight of graphite powder mixed together, said synthetic plastic resinous material after being mixed together is heated to a temperature sufficient to form into a paste and which said paste is then applied as a layer on one of the said surfaces of the guideway of the machine tool and allowed to cool at atmospheric temperature and harden after the layer of the resinous plastic material is smoothed over the guideway by passing the opposed surface over the said guideway.

(Compl. Specn. 6 Pages. Drg. 1 Sheet.)

CLASS-116G & 166A.

151432.

Int. Cl. B 63 b 13/00, 1/00.

STABILISING SYSTEM FOR A VESSEL SUPPORTING CRANES.

Applicants : VARITRAC AG., OF 79 CHAMERTRASSE, CH-6300, ZUG, SWITZERLAND.

Inventors : (1) HENRICUS PETRUS WILLEMSSEN AND (2) JOHAN ERHARD SLUITERS.

Application No. 234/Cal/80 filed February 29, 1980.

Convention date 20th November, 1979 (340257/79) Canada.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

8 Claims.

Stabilising system for a vessel with ships hulls which in the operating position are fully submerged and on which are arranged hollow columns which above the water level support a work deck structure which carries one or more heavy lift cranes; the stabilising system comprising water ballast reservoirs above and below the surrounding sea level in which the discharge of water from the upper water reservoir on the one hand, and the input of water into the lower water ballast reservoir on the other hand, is selectively controlled by regulator valves in response to the instantaneously generated unbalancing forces brought about when the cranes are handling loads, characterised in that the regulating valves of the underwater ballast reservoirs are water inlet valves for said reservoirs which are otherwise cut off from the surrounding water.

(Compl. Specn. 15 Pages. Drg. 5 Sheets.)

CLASS-32F₂(.).

151433.

Int. Cl. C 07 C 127/12.

A PROCESS FOR THE PREPARATION OF NOVEL AMINE SALTS OF SUBSTITUTED N-PHOSPHONO-METHYLUREAS.

Applicants : STAUFFER CHEMICAL COMPANY, OF WEST PORT, CONNECTICUT, U.S.A.

Inventors : GEORGE BLACKMORE LARGE AND LAWRENCE LAMONT BUREN.

Application No. 124/Cal/80 filed February 2, 1980.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

5 Claims.

A process for the preparation of a compound having the formula as shown in Fig. 1

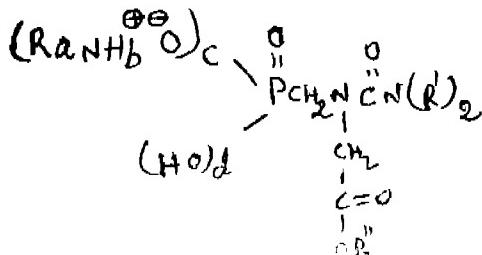
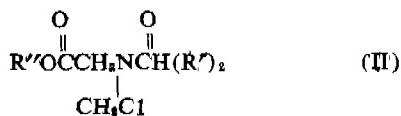


Fig. 1

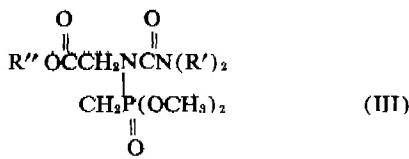
in which R, R', and R'' are independently C₁-C₄ alkyl; a is 1 to 2 and b is 2 or 3, such that the sum of a and b is 4; and c is 1 or 2 and d is 0 or 1, such that the sum of c and d is 2; which comprises (a) reacting a compound having the formula



with paraformaldehyde and thionyl chloride in chloroform solvent to produce a compound of the formula



(b) reacting compound II with trimethylphosphite to produce a compound of the formula



reacting compound III with bromotrimethylsilane under a nitrogen atmosphere, adding the product of water, and reacting it with an amine of the formula



(Compl. Specn. 22 Pages. Drg. 1 Sheet.)

CLASS-68E.

151434.

Int. Cl. H 02 m 5/00.

POWER SUPPLY CIRCUIT FOR ELECTRICAL MACHINING.

Applicants : INOUE-JAPAX RESEARCH INCORPORATED, OF 5289 AZA MICHIMASA, NAGATSUDAMACHI, MIDORIKU, YOKOHAMASHI, KANAGAWAKEN, JAPAN.

Inventor : KIYOSHI INOUE.

Application No. 688/Cal/78 filed June 22, 1978.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

11 Claims.

A power-supply circuit for electrical machining, comprising: input means for receiving a commercial alternating current; a rectifier for converting said commercial alternating current to a direct current; means for pulsing said direct current to produce a high frequency alternating-current or pulsed output at a frequency much higher than that of said commercial alternating current; a transformer for transforming the voltage magnitude of said high-frequency output to a desired level; and means for producing from said transformed output a series of unidirectional pulses of predetermined pulse parameters for application across a machining gap formed between an electrical-machining electrode and a workpiece juxtaposed therewith.

(Compl. Specn. 34 Pages. Drg. 12 Sheets.)

CLASS-32F₂(c), 55E₄, & 60X₂(d).

151435.

Int. Cl. C 07 C 95/00.

PROCESS FOR THE PREPARATION OF HYDROLYSABLE ACETALS AND HEMIACETALS OF AMINOALDEHYDE.

Applicants : NICHOLAS INTERNATIONAL LIMITED, OF 33 ALBERT ROAD, MELBOURNE, VICTORIA 3004, AUSTRALIA.

Inventors : (1) KENNETH JOHN MURTON, (2) GLYN OWE PHILLIPS, (3) JOHN CHARLES ALLEN, (4) CHRISTOPHER JOHN SMITH, AND (5) WILLIAM KERNICK.

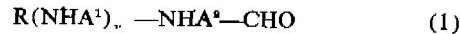
Application No. 188/Cal/79 filed March 1, 1979.

Convention date 3rd March, 1978 (08656/78) U.K.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

7 Claims.

A method of preparing hydrolysable acetals and hemiacetals of aminoaldehydes which aminoaldehydes have the formula I shown below :



wherein R represents hydrogen or -A³-CHO; A¹, A² and A³ independently represent divalent alkylene groups; and r represents 0 or an integer, which comprises heating the corresponding acetal of an aldehyde of the formula 8 shown below :



with an amine of the formula 9 shown below :



wherein R, A¹ and A² are as defined above.

(Compl. Specn. 33 Pages. Drg. 1 Sheet.)

CLASS-172C₅.

151436.

Int. Cl. D 01 g 23/00.

APPARATUS FOR SEPARATING FIBRE FROM AN AIR STREAM IN A PNEUMATIC TRANSPORTING SYSTEM FOR SPINNING MACHINES.

Applicants : MASCHINENFABRIK RIETER A.G., OF WINTERTHUR, SWITZERLAND.

Inventors : (1) ROBERT AMANN AND (2) RUDOLF WILDBOLZ.

Application No. 424/Cal/79 filed April 27, 1979.

Convention date 27th April 1978 (16717/78) U.K.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

11 Claims.

An apparatus for separating a fibre and air stream in pneumatic transporting systems for spinning machines, comprising a duct, in which fibre-flock-carrying air can be transported, a duct branching off from said duct, with a diminution of the pressure between the main transporting duct and the branch duct using any known means wherein the branch duct begins at the branching point with a rotatably supported means rotating about the axis of the branching duct for directing a part of said fibre-flock-carrying air from said transport duct through said branch duct.

(Compl. Specn. 10 Pages. Drg. 1 Sheet.)

CLASS-68E₁.
Int. Cl. G 05 f 1/00.

TWO WIRE CURRENT TRANSMITTER WITH IMPROVED VOLTAGE REGULATOR.

Applicants : ROSEMOUNT INC., OF 12001 WEST 78TH STREET, EDEN PRAIRIE, STATE OF MINNESOTA, UNITED STATES OF AMERICA.

Inventor : CHARLES JOHN DAHIKE.

Application No. 562/Cal/79 filed May 31, 1979.

Convention date 31st May, 1978 (24741/78) U.K.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) The Patent Office, Calcutta.

6 Claims.

A two wire current transmitter voltage regulator with an input and an output having a DC power supply coupled to the input and including : an amplifier means having an amplifier input and an amplifier output which delivers an amplified signal; first means coupled to said amplifier input for providing a first regulator start-up current upon activation of the DC power supply to thereby initiate operation of the amplifier; second means coupled to the amplifier output and to the amplifier input for providing a second regulator start-up current derived from the amplifier output to the amplifier input.

(Compl. Specn. 11 Pages. Drg. 1 Sheet.)

AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that Cegedur Societe De Transformation De l'Aluminium Pechiney, of 66 Avenue Marceau, Paris 80, France and Societe De Vente D l'Aluminium Pechiney of Centre De Recherches De Voreppe, Route Nationale 85, 38340 Voreppe, France have made an application under section 57 of the Patents Act, 1970 for amendment of application of their application for Patent No. 147678 for "A machine for casting semi-finished products". The amendments are by way of correcting the address for service to read as M/s. L.S. Davar & Co., "Monalisa", 17, Camac Street, Calcutta-17. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filling the said notice.

OPPOSITION PROCEEDINGS

(1)

An opposition has been entered by Chemicals and Fibres of India Limited to the grant of a patent on application for patent No. 150413 made by Sir Padampat Research Centre.

(2)

An opposition has been entered by Imperial Chemical Industries PLC to the grant of a patent on application for Patent No. 150413 made by Sir Padampat Research Centre.

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specification are available for sale from the Officer-in-Charge Government of India, Central Book Depot, 8, Hastings Street, Calcutta, two rupees per copy :

- (1) 108723 109128 110401
- (2) 141528 141575.
- (3) 141661.
- (4) 141708 141719 141711 141721 141726 141733
- (5) 142446
- (6) 142479 142485.
- (7) 142629.
- (8) 142660 142670 142671 142680 142684 142695 142698.
- (9) 142759 142760 142766 142800 142827.
- (10) 142900.
- (11) 143146 143160.
- (12) 143333.
- (13) 143412.
- (14) 143464 143480.
- (15) 143541.
- (16) 143614.
- (17) 143626 143649.
- (18) 143659 143661 143665 143684 143685 143692.
- (19) 143705 143707 143732.
- (20) 143760 143763.
- (21) 144021 144025 144026 144027 144041.
- (22) 144085.
- (23) 144326 144352.
- (24) 145843 145844 145863 145867 145868.

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	(36)	149869 149870 149874 150076 150086 150100 150120 150125	
146227 146232 146249.		150163 150174 150224 150244 150256 150270 150271 150324	

COMMERCIAL WORKING OF PATENTED INVENTION

MECHANICAL AND GENERAL ENGINEERING LIST : II

The following Patents in the field of Mechanical & General Engineering Industry are not being commercially worked in India as admitted by the Patentees in the statements filed by them under section 146(2) of the Patents Act, 1970, in respect of Calender year, 1981, generally on account of want of requests for Licences to work the Patented inventions. Persons who are interested to work the said Patents commercially may contact the Patentees for the grant of Licence for the purpose

Sl. No.	Patent No.	Date of Patent	Name and address of Patentees	Title of the invention	
				1	2
1	133483	4-11-71	Deere & Co., Moline, Illinois, U.S.A.	Apparatus for use in electroless nickel plating of articles and particularly patterns and core boxes in molding and core forming equipment.	
2	133527	8-11-71	Terrance J. Waters, 33560 Mulholland Highway, Malibu, California 90265, United States of America.,	Hyperboloid buildings.	
3	133546	9-11-71	Sperry Rand Corporation, 1401 Crooks and Mapleroads, Road, Troy, MI49084, U.S.A.	Improvements in valves for fluids.	
4	133560	10-11-71	USS Engineers and Consultants, INC., 600 Grant Street, Pittsburg, State of Pennsylvania, United States of America.	Temperature sensing device.	
5	133595	12-11-71	Monsanto Limited, of 10—18 Victoria Street, London SW1H ONG, England.	Filtering elements for cigarettes filters.	
6	133617	15-11-71	Asahi Chemical Industry Co. Ltd., Asahi Kasei Kogyo Kabushiki Kawsha 25-1-1 Chone, Dojima—Hamadosi, Kitaku, Osaka, Japan.	Process for producing crimped fibres by continuous wet heat setting and apparatus therefor.	

1	2	3	4	5
7	133787	29-11-71	Siemens AG, Berlin & Munich, Germany (West)	Improvement in or relating to electro mechanical filters.
8	133821	1-12-71	Ethicon INC., Somerville, New Jersey, U.S.A.	Process for obtaining a sterile absorbable surgical suture.
9	133827	1-12-71	Walter Ruta, of Oberer Graben 44, St. Gallen, Switzerland.	Hand tool for opening screw Caps.
10	133841	3-12-71	U.S. Amada Ltd., 615, 8th avenue, South, Seattle, Washington, U.S.A.	Punch press.
11	133862	7-12-71	UOP, INC., Ten UOP Plaza—Algonquin & Mt. Prospect Roads, Des Plaines, Illinois, United States of America.,	Improved vapour liquid contacting device.
12	133878	7-12-71	Injected Ltd.,	Carburettor.
13	133884	8-12-71	Shell Internationale Research Maatschappij B. V., of Carel Van Bylandtlaan 30, The Hague, The Netherlands.	Mixing apparatus for gases.
14	133941	15-12-71	Wilhelm Stahlecker, G. m. b.H., of 7341 Reichenbach, West Germany.	Bearing unit for open end spinning turbines.
15	133988	17-12-71	Injecto Ltd., 20/5, Mathura Road, Faridabad-2, Haryana, India.	Carburettor.
16	134013	20-12-71	Scovil Manufacturing Company, of Waterbury, County of New Haven, State of Connecticut, United States of America.	Improvements in or relating to valve presurable containers.
17	134072	20-12-71	Mass Transfer Limited, District Bank Chambers, High Street, New castle Staffordshire, England.	Fluid—fluid contact apparatus.
18	134077	20-12-71	Mitsubishi Petrochemical Co., Ltd., of 3—1, 2-chome, Marunouchi, Chiyoda-ku, Tokyo-to, Japan.	Method for manufacturing an elongated article.
19	134177	4-1-72	Chicago Pneumatic Tool Company, of 6 East 44th Street, New York, State of New York 10017, U.S.A.	Pneumatic tool having combined out running and rimping mechanism.
20	134184	4-1-72	Kautex Works Reinold, 5300 Bonn Holzler, 1 West Germany.	Method of and apparatus for producing tubular bodies of thermoplastic synthetic resin material.
21	134220	7-1-72	Schubert & Salzer Maschinenfabrik Aktiengesellschaft, of Romerstrasse 11/12, 8070 Ingolstadt, West Germany.	A fibrous material mixing apparatus.
22	134279	14-1-72	F. L. Smidh & C. A/S., of 77 Vigerslev Alle, DK-2500 Copenhagen Valby, Denmark.	Grinding mills.
23	134283	14-1-72	USS ENGINEERS AND CONSULTANTS, INC., at 600 Grant Street, Pittsburgh, State of Pennsylvania, U.S.A.	Apparatus for adjustment of side trimmers knife.
24	134288	28-2-72	Ethicon INC., Somerville, New Jersey, U.S.A.	Retention Suture bridge.
25	134318	19-1-72	Sealed Power Corporation of 2001 Sanford Street, Muskegon, State of Michigan 49443, U.S.A.	Improvement in or relating to piston ring assemblies.
26	134319	19-1-72	Sperry Rand Corporation 1401 Crooks Road, Troy, MI 48084, U.S.A.	Improvements in valves for fluids.
27	133324	22-10-71	Ruti Machinery Works Ltd., 8630 Ruti Zurich, Switzerland.	Holder for a loom reed.
28	134325	19-1-72	Texaw Devi Corporation.,	Fuel burner and process for gas manufacture.

1	2	3	4	5
29	134381	25-1-72	Agrophysics INC. 360, Pine street, San Francisco California, U.S.A.	Device for invention into the reproductive tract of animals or human beings.
30	134457	1-2-72	Federal Mogal Corporation, of 20555 Northwestern Highway, Southfield, Michigan 480 75, United States of America.,	Clutch release bearing.
31	134509	5-2-72	Girling Limited, of King's Road, Tyseley, Birmingham 11, Warwickshire, England.	Adaptor assemblies for connecting complementary members.
32	134539	8-2-72	VEB Kombinat Polygraph Werner Lamberz Leipzig, 59, Zuecinaudorfex strasse 705, Leipzig East Germany.	Method and apparatus for thread sealing together two sheet portions.
33	134540	8-2-72	Do.	A thread stitching method and apparatus therefor.
34	134541	8-2-72	Do.	Stitching apparatus.
35	134542	8-2-72	Do.	Method and apparatus for producing folded and thread sealed sheet products.
36	134567	10-2-72	Cuet Peabody & Col, INC., at 433 River Street, Troy, New York, United States of America.,	Method for producing knit fabric and apparatus for carrying out said method.
37	134587	11-2-72	Wilhelm Stahlecker G. m. b. H., of 7341 Rothenbach, West Germany.	Spinning turbine.
38	134597	14-2-72	Wheelabrator-Frye INC., 299 Park Avenue, New York, U.S.A.	Apparatus for surface cleaning of casting.
39	134628	16-2-72	Westinghouse Brake and Signal Company Limited, of John Street, London WC1N 2ES, England.	Valves means.
40	134662	18-2-72	Sunkist Growers INC., of 14130 Riverside Drive, Sherman Oaks, California, U.S.A.	Apparatus for automatically selecting between a plurality of generally spherical objects.
41	134677	19-2-72	USS ENGINEERS AND CONSULTANTS, INC., at 600 Grant Street, Pittsburgh, State of Pennsylvania, U.S.A.	Apparatus for controlling weight and distribution of a coating on a substrate.
42	134678	19-2-72	Do.	Process for forming a metallic coating on a moving step emerging from a bath of molten coating material and an apparatus therefor.
43	134736	20-4-72	Miles Laboratories INC., of 1127 Myrtle Street, Elkhart, Indiana 46314, U.S.A.	Testing device for micro organism.
44	134738	27-8-70	Girling Limited, of King's Road, Tyseley, Birmingham 11, Warwickshire, England.	Improvement in or relating to servo motors especially for vehicle braking systems.
45	134743	24-2-72	F. L. Smith & Co. A/S., of 77 Vigerslev Alle, DK-2500 Copenhagen Valby, Denmark.,	Heat exchanger.
46	134831	4-3-72	David Lincoln Rowland, 8 East 62nd Street, New York, N. Y. 10021 U.S.A.	Assemblies of seats and backs usable in furniture, automobiles & other transport vehicle.
47	134865	3-2-71	Wheelabrator-Corporation, Mishawaka, Indiana, U.S.A.	A blade for use with a centrifugal blasting wheel.
48	134885	8-3-72	Heinrich Wigger & Co. 475 Unnal/west and Morgenstr, 39/41 F.R.G.	Chopper (chipping machines) for the machines for the crushing, particularly of raw material of small cross section such as wood waste (chips of wood) and similar material.
49	134889	9-3-72	Girling Limited, of King's Road, Tyseley, Birmingham 11, Warwickshire England.	Improvement in or relating to sliding caliper disc brakes.

1	2	3	4	5
50	134890	9-3-72	Girling Limited, of King's Road, Tyseley, Birmingham 11, Warwickshire, England.	Improvements in or relating to sliding caliper disc brakes.
51	134949	15-3-72	The Gillette Company, of Prudential Tower Building, Boston, State of Massachusetts, United States of America.	Improvements in or relating to razor.
52	134950	15-3-72	Do.	Disposable razor blade unit.
53	134951	15-3-72	Do.	Package for razor blade unit.
54	134975	17-3-72	Wilhelm Stahlecker G.m.b.H., of D-7341 Reichenbach bei, Geislingen/Steige, West Germany.	Break or open end spinning rotor or turbine.
55	134991	20-3-72	Repla International Sah, of 56 Boulevard Napoléan, Luxembourg.	Method and means for producing an article catching strip and an article catching strip produced thereby.
56	135022	22-3-72	William Pram Werre R. G. 519, Stolberg/Rhld, Zwefaber Str. F.R.G.	Method of and apparatus for manufacturing a sliding clasp fastener.
57	135055	25-3-72	Whilhelm Stahlecker GmbH, of 7341 Reichenbach, West Germany.	Spindle bearing assembly for a spinning or twisting machine.
58	135084	28-3-72	Automobile Products of India Limited, at Lal Bahadur Shastri Marg, Bhandup, Bombay-400 078.	Improvements in or relating to friction clutches.
59	135128	3-4-72	Saint-Gobain Industries, 62, Boulevar Saint-Victor Huge, Nevilly—Sun Sevne, France	Method and apparatus for the manufacture of fibres from Molten thermoplastic material.
60	135131	3-4-72	Dunlop Holdings Limited, of Dunlop House, Ryder Street, St. James's, London SW1, England.	Pneumatic tyres.
61	135176	5-4-72	McNEIL-INC., of 96 East Cresier Street, Akron, State of Ohio 44311, United States of Amrica.	Apparatus of and method for controlling manufacturing process.
62	135338	19-4-72	Motor Industries Co. Ltd. of Hosur Road, Adugodi Bangalor 560 030.	Improvement in or relating to liquid filters.
63	135369	25-5-72	Girling Limited, of King's Road, Tyseley, Birmingham 11, Warwickshire, England.	Fluid level indicating device.
64	135450	23-7-71	Sealed Power Corporation, of 2001 Sanford Street, Muskegon, State of Michigan 49443, U.S.A.	Improvements in the manufacture of spacer-expanders.
65	135451	23-7-71	Do.	Do.
66	135452	23-7-71	Do.	Do.
67	135453	23-7-71	Do.	Do.
68	135454	5-7-72	Ruti Machinery Works Ltd., 8630 Ruti, Zurich, Switzerland.	A device for braking the picker stick of a loom.
69	135469	18-5-72	Variable kinetic Drives Ltd., Rose, Cottage, Pillory green, Napton Rugby, Warwickshire, London.	Torque converter coupling
70	135565	6-9-72	Combustion Engineering INC., 1000, Prospect Hill Road, Windsor, Connecticut, U.S.A.	Method for manufacturing pipe from cold formed half tori and an apparatus for cold forming torus.
71	135577	1-8-72	Do.	Ionic flame monitor.
72	135581	14-10-71	Mead Corporation Talbott tower, Dayton, ohio 45402, U.S.A.	Apparatus for conducting chemical reactions between fluid reactants.
73	135602	16-5-72	American Standard INC., 40 West 40th Street, New York, U.S.A.	Quick service valve device for fluid pressure brake system.
74	135603	26-4-72	Heimo Geratebau GMBH, 7972/Isny/Allgäu, Max-Eyth-Weg 42, R.R.G.	Spraying or smoke laying apparatus.

1	2	3	4	5
75	135621	3-7-72	William Prym Werke K. G., 519, Stolberg/Rhld, Zawelfaller str. F.R.G.	An apparatus for manufacturing sliding clasp fasteners.
76	135631	9-10-72	Motor Industries Co. Ltd., of Hosur Road, Adugodi, Bangalore 560 030, India.	Improvements in or relating to a fuel injection pump for internal combustion engine.
77	135699	18-5-72	Canon Kabushiki Kaisha, of 30—3, 3-Chome, Shimomaruko, Ohta-ku, Tokyo, Japan.	Electrophotographic copying machine.
78	135701	18-5-72	Do.	Do.
79	135712	9-6-72	Palitex Project-Company GmbH., of Weeserweg 8, 4150 Krefeld West Germany.	Scraping roller.
80	135736	21-8-72	Jervis B Webb Company, of 9000 Alpine Avenue, Detroit, Michigan 48204, United States of America.	Conveyor system.
81	135751	8-8-72	The Timken Company, of 1835, Dueber Avenue, S.W. Canton, Ohio, U.S.A.	Apparatus for rolling strip material.
82	135762	1-7-72	Palitex Project-Company GmbH., of Weeserweg 8, 4150 Krefeld, West Germany.	A device for braking and stepping a spinning or twisting spindle especially a double twisting spindle in a specific position of the spindle.
83	135773	8-9-72	Wilhelm Stahlecker GmbH., of D 7341 Reichenbach bei Geislingen/Steige, West Germany.	Improvements relating to mountings for open-end brake spinning.
84	135774	8-9-72	Do.	Open and spinning machines.
85	135784	11-10-72	Gustav Schade Maschinenfabrik GMBH & Co., D-46, Dostmund, Am Rosen Platzchen 120, F.R.G.	Scraper for the removal of material from storage for use with bulk material comp.
86	135822	19-9-72	Massey Ferguson INC., Abraham de Verstraat 7A Curacao, Netherlands.	Draft Control linkage for tractor
87	135836	1-7-72	Palitex Project-Company GmbH., of Weeserweg 8, 4150 Krefeld, West Germany.	Spinning or twisting machine especially a double thread twisting machine.
88	135860	30-6-72	Lilton Systems INC., 100, West 10th St. Wilmington, U.S.A.	Fail safe decelerating system.
89	135880	4-10-72	Combustion Engineering INC. 1000, Prospect hill road, Connecticut, U.S.A.	A mechanical separator.
90	135892	26-10-72	Girling Limited, of King's Road, Tyseley, Birmingham, 11, Warwickshire, England.	Improvement in shoe drum bakes.
91	135980	28-4-72	The Jacobs manufacturing Company Limited, of Archer Tool works, Archer Road, Sheffield 8, England.	Improvements in or relating to drill chucks.
92	135988	1-5-72	Sperry Rand Corporation, 1401 Crooks and Maple Road, State of Michigan, Troy, MI 48084, U.S.A.	Improvements in valves or fluids.
93	135993	26-6-72	USS Engineers and Consultants, INC., at 600 Grant Street, Pittsburg, State of Pennsylvania, U.S.A.	Temperature sensing device for continuous casting molds.
94	136052	19-6-72	Sperry Rand Corporation, 1401 Crooks and Mople Road, Troy, Michigan MI 48084, U.S.A.	Improvements in valves for fluids.
95	136062	22-6-72	Girling Limited, of King's Road, Tyseley, Birmingham 11, Warwickshire, England.	Disc for vehicles.
96	136072	16-8-72	Libbey Owens Ford Co., 811, Madison avenue, Zoledo, Ohio, U.S.A.	Bending & tempering glass sheets.
97	136090	13-2-73	Beloit Corporation 1, St. Laurence Avenue Beloit, Wisconsin, U.S.A.	Slice lip for a head box of paper making machine.

RENEWAL FEES PAID

114954 114996 115406 115519 115682 115761 116053 120312
 120326 120483 120506 120625 120626 121180 125729 125857
 125991 126434 130572 130573 130750 130800 130801 130949
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 131934 132728 134137 135134 135160 135231 135232 135328
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 145145 145476 145852 145853 145872 145992 146160 146190
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CESSATION OF PATENTS

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 110915 110946 110952 110955 110956 110962 110965 110966
 110988 110998 110999 111014 111020 111021 123004 147306
 147998 148984

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application for restoration of Patent No. 119811 dated the 12th February, 1969 made by Parks-Cramer Company on the 23rd August, 1982 and notified in the Gazette of India, Part III, Section 2 dated the 11th Feb. 1982 has been allowed and the said patent restored.

(2)

Notice is hereby given that an application for restoration of Patent No. 143737 dated the 21st July, 1976 made by Jitendra Kumar Sharma on the 13th July, 1982 and notified in the Gazette of India, Part III, Section 2 dated the 30th Oct., 1982 has been allowed and the said patent restored.

(3)

Notice is hereby given that an application for restoration of Patent No. 148455 dated the 16th June, 1979 made by Tube Investments of India Ltd., on the 4th March, 1982 and notified in the Gazette of India, Part III, Section 2 dated the 16th Oct., 1982 has been allowed and the said patent restored.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class. 1. No. 152451. Mahavir Products, Sati Industrial Estate, 2nd Floor, No. 213, I.B. Road, Goregaon (East), Bombay-400 063, State of Maharashtra, India. "A Flower Basket". 10th November, 1982.

Class. 1. No. 152292. Charan Jeet, an Indian National, A-9, Joyati Nagar, West Shahdara, Delhi-110032 of the

above address. "Door Stopper". 15th September, 1982.

Class. 1. No. 152311. Mahavir Products, 15 Sainath Industrial Estate, Balaram Patel Road No. 4, Bhayandar (East), Dist. Thana, State of Maharashtra, India. "A Flower Basket". 20th September, 1982.

Class. 1. No. 152312. Mahavir Products, Sainath Industrial Estate, Balaram Patel Road No. 4, Bhayandar (East), Dist. Thana, State of Maharashtra, India. "A Flower Basket". 20th September, 1982.

Class. 3. No. 152293. Dunlop Limited, a British Company of Dunlop House, Ryder Street, St. James' S, London S.W. 1., England. "Cricket Bat". Reciprocity date 31st March, 1982. (U.K.).

Class. 3. No. 152407. Dr. Jose Thaikattil, Physician, Health Centre, Calicut University, P.O. Kerala, an Indian National. "Comb (1)". 2nd November, 1982.

Class. 3. No. 152408. Dr. Jose Thaikattil, Physician, Health Centre, Calicut University, P.O. Kerala, an Indian National. "Comb (2)". 2nd November, 1982.

Class. 3. No. 152409. Dr. Jose Thaikattil, Physician, Health Centre, Calicut University, P.O. Kerala, an Indian National. "Comb (3)". 2nd November, 1982.

Class. 3. No. 152410. Dr. Jose Thaikattil, Physician, Health Centre, Calicut University, P.O. Kerala, an Indian National. "Comb (4)". 2nd November, 1982.

Class. 3. No. 152411. Dr. Jose Thaikattil, Physician, Health Centre, Calicut University, P.O. Kerala, an Indian National. "Comb (5)". 2nd November, 1982.

Class. 3. No. 152412. Dr. Jose Thaikattil, Physician, Health Centre, Calicut University, P.O. Kerala, an Indian National. "Comb (6)". 2nd November, 1982.

Class. 3. No. 152413. Dr. Jose Thaikattil, Physician, Health Centre, Calicut University, P.O. Kerala, an Indian National. "Comb (7)". 2nd November, 1982.

Class. 3. No. 152414. Dr. Jose Thaikattil, Physician, Health Centre, Calicut University, P.O. Kerala, an Indian National. "Comb (8)". 2nd November, 1982.

Class. 3. No. 152415. Dr. Jose Thaikattil, Physician, Health Centre, Calicut University, P.O. Kerala, an Indian National. "Comb (9)". 2nd November, 1982.

Class. 3. No. 152416. Dr. Jose Thaikattil, Physician, Health Centre, Calicut University, P.O. Kerala, an Indian National. "Comb (10)". 2nd November, 1982.

Class. 3. No. 152417. Dr. Jose Thaikattil, Physician, University Health Centre, Calicut University, P.O. Kerala, an Indian National. "Comb (11)" 2nd November, 1982.

Extn. of Copyright for the Second Period of five years.

Nos. 146587, 146588, 146589, 146590, 146591 Class-8.

Extn. of Copyright for the Third Period of five years.

Nos. 146587, 146588, 146589, 146590, 146591. Class-8.

DR. K. V. SWAMINATHAN
 Controller General of Patents, Designs
 and Trade Marks.

